

**Listing of Claims (marked-up version):**

Claims 1 (currently amended): A method for decreasing cholesterol, low-density lipoprotein and triglyceride levels in blood under cholesterol-enriched and normal diet, which comprises administering to a mammal 24-epibrassinolide (EBI), a plant hormone of structural formula I belong to brassinosteroid series. ~~; in a daily dose of 0.03-200 micrograms per kilogram of body weight.~~

Claim 2-3 (canceled)

Claim 4 (currently amended): The method[[s]] of claim[[s]] 1[[-3]] comprising administering of 24-epibrassinolide during 4-12 weeks.

Claims 5-8 (canceled)

Claim 9 (new): The method of claim 1, wherein 24-epibrassinolide is administered as a medicament or a food supplement in a daily dose of 0.03-200 micrograms per kilogram of body weight.